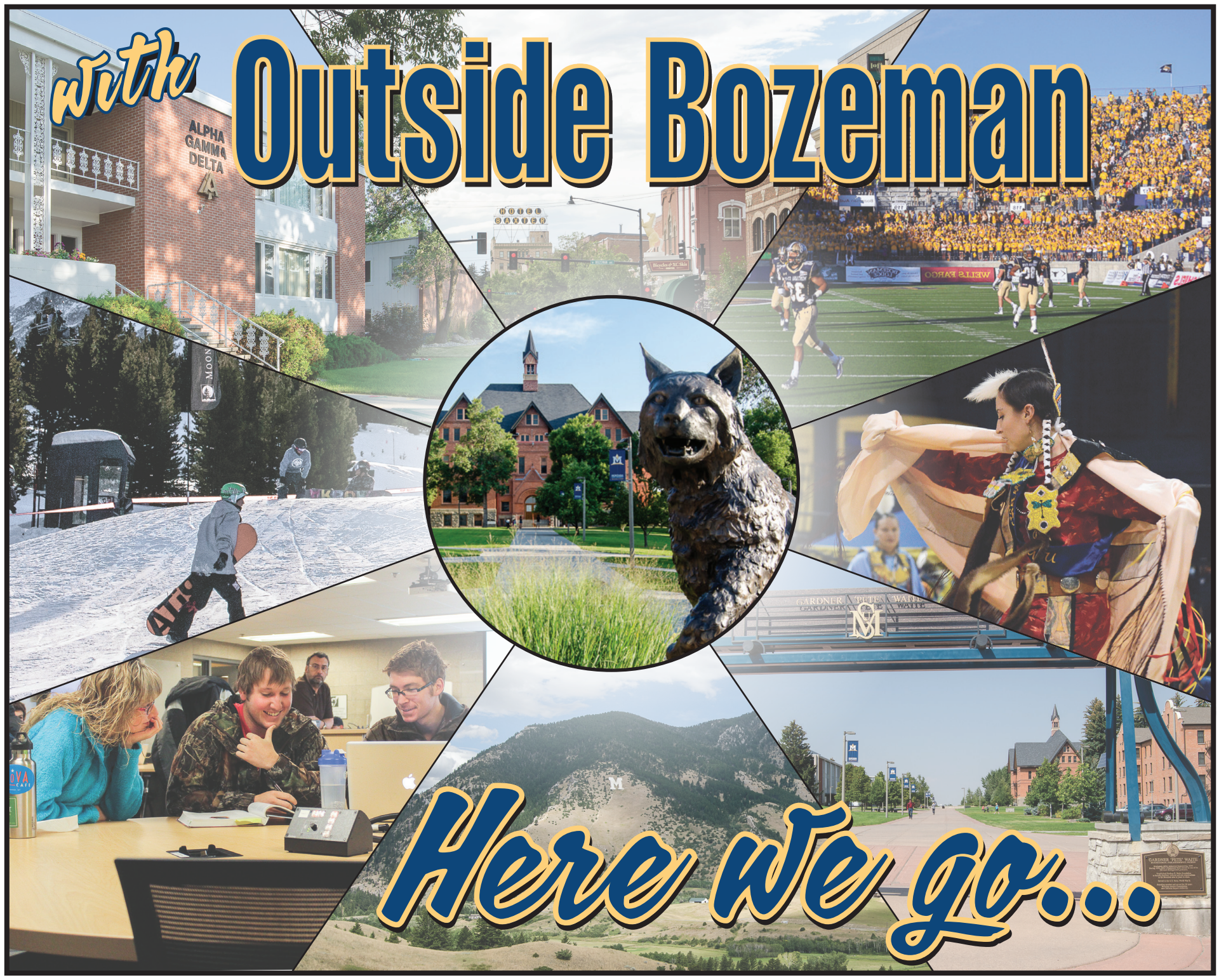
THE MSU
exponent
August 15, 2014
MONTANA STATE'S STUDENT NEWSPAPER SINCE 1895

Look Inside!
for
Outside Bozeman's
2014-15
MSU Pocket Guide



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FLASHBULB



Two Great Horned Owls nested atop Montana Hall over the summer.

Photo by Conor Glesner

HEARD ON THE WEB

@NChimbos



Do we look like typical freshman yet? #didntevenplanthis #montanastate @Audreyp55 @sarahb503

SIGNIFICANT FIGURES: On Catapalooza

Compiled by Cassia Wagner & designed by Sonja Benton

CATAPALOOZA Montana State University

184 community & campus organizations

159

2014 is the 14th year of Catapalooza

5000+ people attend each year (the same amount as the number of tiny figures in the background of this image)

over 800 FREE pizza slices given away each year

over 750 FREE water bottles will be given away in 2014

Other free items: Candy, soda, condoms, sunglasses, hangars, toothbrushes and more!

1500 lbs of trash

150 lbs of recycling per day

Catapalooza 2000 had **50 booths**

Catapalooza 2014 has **340+ booths**

COVER CAPTIONS:

The east gateway to the Centennial Mall.
Spirit Bobcat looks on as Montana Hall stands majestically at the center of the MSU campus.
Hapner Hall is one of the many residence halls undergoing renovations.
Greek life is an excellent way to make lifelong friends and get involved in campus activities.
A popular hike and proud symbol of the University's strong presence in the community, the 'M' rests proudly on the southernmost face of the Bridger Mtns.
Downtown Bozeman is a thriving retail district and exciting night-time scene.

PHOTOS BY TREVOR NELSON

MSU fills the new endzone seating with Gold during Bobcat football's annual Gold Rush.
Miss Indian MSU Sierra Alexander dances in the Fancy shawl competition.

PHOTOS BY CONOR GLESNER

Students collaborate in one of the new TEAL classrooms.

PHOTO BY NICOLE SMITH

Snowboarders race the setting sun as they head to lift for one more run.

PHOTO BY JEREMY GOULD

TALK BACK:

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THE MSU exponent

Volume 109, Issue 2

Montana Newspaper Association 2014 Member

ASMSU associated students of montana state university

The MSU Exponent is Montana State University's student-run newspaper, bringing together more than 70 students of diverse backgrounds and approaches in service of the public interest. We strive to contribute to the university's community by providing thorough, original reporting and creating space for public discussion about topics important to students. The paper is funded through a $4.86 annual student fee and advertising revenue. It is published on Thursdays during the academic year and is available online at *msuexponent.com.*

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MSU's advice for incoming freshmen:

Advice from the Jake Jabs College of Business and Entrepreneurship (JJCBE) Staff:

Don't be afraid to ask for help. There are amazing resources available to MSU students, but you have to advocate for yourself.

Try something new. Be brave.

STUDY ABROAD!

Get involved. You'll be amazed how much you can learn outside of the classroom.

Get to know your faculty, staff and classmates. There are amazing people at MSU and building relationships with them will change your life. Explore Bozeman; it's a great city!

Go to class. Seriously.

Use the search option (top right corner) on the MSU website... You can pretty much find any/all information with it.

Don't worry too much about nailing down your major, career path, etc. right now. Enjoy this special time in your life. Explore campus, meet new people, try new things, be brave, ask for help, don't give up when things are challenging, and enjoy your new life a college student. Welcome to MSU!

Advice from the Allen Yarnell Center for Student Success:

Find an older/more experienced person and graciously ask them if they would serve as your mentor. Apply for a mentor through Bobcat Mentoring!

One valuable skill to learn for college and life, is to be able to ask for help. Any office or department on campus has people willing to direct you to the right place. If your question is personal in nature, ask for help; struggling in a class, ask for help; struggling with a relationship, ask for help; struggling with finances, ask for help. There's a resource on campus to assist you. You are not alone.

Get a job AND internship to be competitive when you graduate!

Join a club, intramural athletic team and/ or volunteer for an organization or cause you support (or about which you are curious)!

Utilize the FREE drop-in tutoring in the Library.

"Work harder than you ever have before. There is a strong association between students who work hard and those who excel. Period. When you think you are finished, push yourself to do more. Read more, study more, edit more, research more, interact more, practice more, create more, discover more, think more... More is better than less."

— DIRECTOR OF CAREER, INTERNSHIP AND STUDENT EMPLOYMENT SERVICES CARINA BECK

"Your time in college will go by fast - don't waste a moment. The students who I've seen successful at a university are those who open their own doors and create their own opportunities. Don't just wait until opportunities come to you. Get out of your comfort zone. Meet other students who are from different parts of the planet. Introduce yourself to people you don't know. Join at least one student organization. And, make sure you go in and meet each and every one of your professors during their office hours. The helpful people at the university cannot support you until you get to know them."

— DEAN OF STUDENTS MATT CAIRES

"Smart reading: You don't need to read every book on your reading list from cover to cover...A good paper is not about regurgitating a book, it's about connecting thoughts ideas from several readings."

— SCHOOL OF ART DIRECTOR PROFESSOR VAUGHAN JUDGE

"Don't be afraid to try new things, even if you don't know anyone else who'll be there."

—NICOLE FAIRCLOUGH, STUDENT

Free time on campus



PHOTO BY TREVOR NELSON

The Rec Center is located in the lower floor of the Strand Union and includes billiards tables, widescreen televisions, video games and a bowling alley.

CONOR GLESNER

College is work. We all know that. The semester holds many sleep-deprived, caffeine-driven, head-bobbing days of study and lecture. Yet like an oasis in the Sahara, sometimes days, hours or even seconds of relaxation appear on the horizons of our busy schedules. What are we to do with this strange commodity called "free time?" Believe it or not the campus holds the opportunity for entertainment as well as education. In fact you can spend those precious free moments in a variety of ways without ever having to leave campus.

Are you a fan of art? MSU holds a wealth of talented artists on many different mediums, and one can view their art in a variety of ways. For example, you can always visit the Exit Gallery in the Strand Union Building (SUB). This gallery is student run and funded through The Associated Students of MSU (ASMSU) and hosts about seven exhibitions of student work throughout the course of the semester, both in group and solo formats. Free receptions are held every Wednesday where you can meet the artist(s) and discuss the work. The gallery is open nine to five during the semester.

Not enough art? An additional gallery on campus showcases both student and non-student work. The Helen E. Copeland Gallery is run by MSU's School of Art and is located in Haynes Hall. This gallery curates a variety of exhibitions over the course of a semester, as well as yearly exhibitions of both undergraduate and graduate work.

Perhaps just looking at art isn't enough. Sometimes you need to hear art, which is no problem since MSU also houses a thriving music program. The School of Music offers a number of concerts over the course of the semester and admission to most shows is five dollars, but some shows are also free. Everything from choral to symphonic to jazz concerts are held in Howard Hall. A schedule of all concerts can be found at *montana.edu/music/concerts*.

Suppose that your classwork has left you exhausted and your brain is in no shape to appreciate art. Or maybe that's just not your thing. The campus offers plenty more fun ways to occupy your time. One such way can be found in the SUB Recreation Center.Located in the SUB basement, 14 pool tables, 6 bowling lanes, shuffleboard, air hockey, arcade games and a PS3 await all for under $5 per hour.

Maybe your schedule has robbed you of any ability to perform physical activity, no matter how fun. Don't worry — go to the Procrastinator Theater, also conveniently located in the SUB. The Procrastinator is student-run and funded by ASMSU, showing recent releases for the measly price of $2. Popcorn and other concessions can be bought at Avogadro's Deli just down the hall. The theater is open six days a week (closing on Wednesdays for student and group rent-outs) and has one or two showings, depending on the day. For more information and a schedule visit *montana.edu/asmsu/procrastinator.html*.

College may be work, but even the toughest jobs have time off. When you glimpse a chance of free time in the fog of textbooks and notes, take advantage of what campus offers in both arts and recreation. If you have sacrificed your last penny to the gods of coffee, fear not because unlike most of the collegiate system the majority of it is free (or at least really cheap).

Places to know

ERIN MURDOCK

Navigating MSU's campus can be difficult, especially as a newcomer. There are a variety of convenient resources that are designed to help you ease into a comfortable life at MSU - this lists just a few of the several programs campus has to offer.

Strand Union Building (SUB)

The SUB is a hub to a variety of useful departments and services. Housed in the SUB are the MSU Bookstore and the Ask Us Desk, which can answer any of your campus related questions, or even questions related to the Bozeman area. Leigh Lounge is the perfect place for a nap, and Avogadro's Number is a great place to grab a quick bite to eat.

Student Health Services

Attached to the SUB, student health services are a convenient place to go If you are feeling under the weather. Appointments can be made online, or for more serious situations, stop by during walk-in hours. The health center provides a variety of services from STI tests and preventive checkups to annual flu shots. Student health services also includes free assistance and appointments with programs such as The VOICE Center and Counseling and Psychological Services.

Associated Students of Montana State University (ASMSU)

ASMSU is the student government comprised of student elected officials. If you are looking for an opportunity to voice your opinion, check out ASMSU or talk to the senator elected to represent your college. ASMSU also funds several student run programs such as the Exit Gallery, the Procrastinator Theater, and the Streamline Bus.

The Office of Student Success

As the name suggests, Student Success is here to help students succeed. A few of their services include free tutoring hours and workshops that focus on improving and strengthening learning strategies. MyCatCareers, another program through student success, connects students on campus with possible job opportunities and internships.

Marga Hosaeus Fitness Center

Equipped with a swimming pool, indoor track, climbing wall and an impressive variety of weight and cardio machines, the newly renovated fitness center has options for everyone. Students interested in instructor-led classes, such as Zumba or Spinning, can purchase a GroupFit pass and have access to all fitness classes offered.

Office of Activities and Engagement

This office provides the perfect place to meet new people with common interests while making a difference. There is a wide array of student organizations and volunteer programs that allow every student the opportunity to get involved in their community.

Renne Library

It goes without saying the library is an ideal place to study and home to thousands of resources. However, many students are not aware of the other services it offers, ranging from one on one help with research projects to workshops in topics such as social media.

Office of Financial Aid Services

It's no secret college is expensive, if you are seeking assistance or guidance regarding paying college bills, visit the financial aid office. They can assist students with issues from scholarships and FASFA to setting up deferred tuition payments.

Office of International Programs

If you are interested in studying abroad, check out this office. A representative from the office of international programs can not only help you select the trip that best fits your major but they can also help you with planning and budgeting for the trip.

For more information on any of the above resources, as well as the many other services that have not been listed, check out the MSU website at montana.edu.

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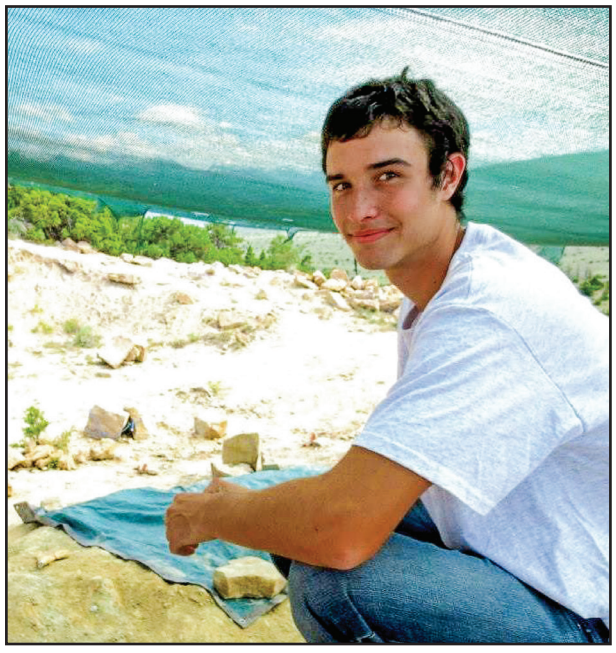
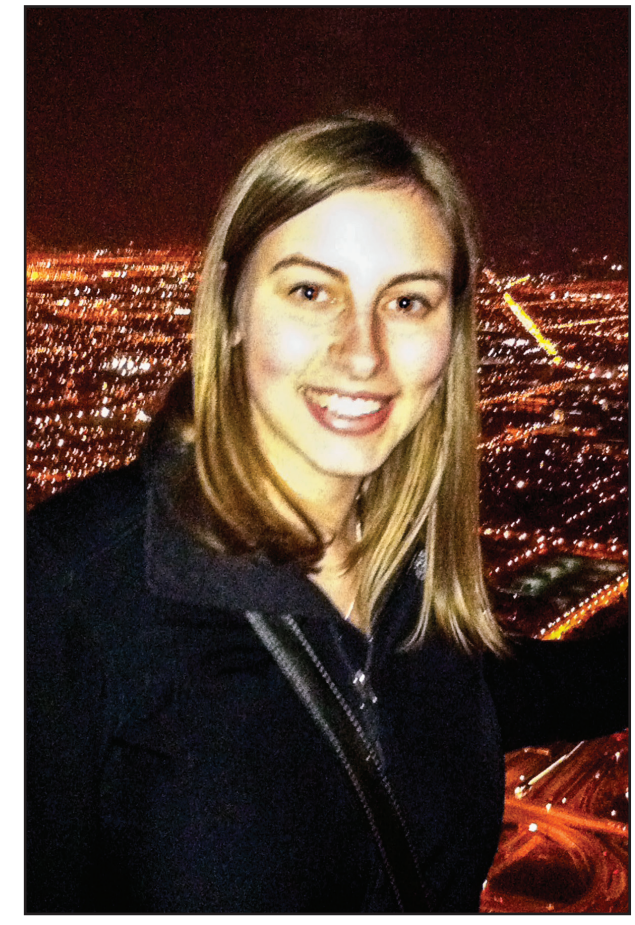
STEM undergraduates grasp research opportunities



Jacob Gardner at a field site as part of his research on the evolution of dinosaur movement.





PHOTOS COURTESY OF GRETA ROBISON

Frances Ambrose (left) studies the effects of fire on tree species in the Greater Yellowstone Ecosystem. Jenna Waterson (right) interned with British Petroleum.

GRETA ROBISON

Being a part of a research project or internship program can feel intimidating, especially if you are new to the university. Undergraduate research and internships, however, are heavily supported at MSU, especially in the science, technology, engineering and math (STEM) fields. Highlighted below are three students who have engaged in research or internships, sharing their passions and experiences.

Jacob Gardner, a junior in the Earth Sciences Department, hailing from Nipomo, California, has a passion for prehistoric creatures. Drawn to MSU by the paleontology program, he sought new experience and trying to "understand how the world developed into what it is today."

At MSU Gardner works with professor Chris Organ and students Jack Wilson and Holley Flora to learn more about the evolution of dinosaur movement by looking at velocity ratios in their limbs. He describes his research as seeking "to discern, as well as understand, the rates of running evolution in different dinosaur groups." Gardner is interested "that there was a rapid burst of evolution toward a body plan that represents quicker limb movements prior to the origin of flight in birds." He hopes this work will lead to a "change [in] the current perceptions of the evolution of biomechanics."

Gardner's involvement in the research project began last year when his professor approached him after class. The project has allowed Gardner to do fieldwork in the U.S. and Canada, as well as to present the group's findings at the Geological Society of America Rocky Mountain and Cordilleran Section Meeting in Bozeman.

According to Gardner getting involved in research is as simple as talking to your professors about research opportunities. "The worst that could happen is that they politely say no and then you move on to another professor," he reminded.

When Gardner isn't in the field he enjoys hiking, camping, fishing, surfing, skateboarding and playing tennis.

Frances Ambrose, a sophomore in the conservation biology and ecology program, researches tree species in the greater yellowstone ecosystem (GYE). This summer she collected "data on tree species in the GYE to see how fires will affect tree species and how the species will move in the next five hundred years." By comparing burn sites to nearby unburned areas, her lab is able to determine how species react to fires of varying intensities. She is traveling to Portugal for a fire conference to present her lab's research thus far.

Originally from Nashville, Tennessee, Ambrose was drawn to ecology from a young age. "As a kid, I always loved the natural sciences," she recalled. "I wanted to be Jane Goodall."

"They [faculty] all have interesting research, are very supportive and are always willing to answer questions."

—JENNA WATERSON, JUNIOR IN CHEMICAL ENGINEERING

Ambrose is no stranger to research, having worked with the University of Hawaii on a box jellyfish project during high school. She got involved in research at MSU thanks to an email sent out by her department. When the position was announced, asking for graduate or undergraduate students, she applied. " I didn't think I'd get it, but I applied anyways."

When asked how other student's can get involved, Ambrose said that talking to an academic advisor and the secretary for your department is the place to start. Her inspiration and support comes from within her department where she is surrounded by "passionate people and faculty [who] want to help you succeed."

When she's not working or studying, Ambrose enjoys being outside. She's also is heavily involved in the Women's Center on campus and is inspired by many women scientists.

Jenna Waterson is a junior chemical engineering student and an intern with British Petroleum (BP). Through her internship, she has the opportunity to work in two BP refineries, exploring process engineering. "I help with projects in a specific area of the refinery under the unit engineer," she explained, adding that, "In the past I worked with hydrotreating, getting sulfur and other unwanted compounds out of the future fuel using hydrogen, and sulfur recovery."

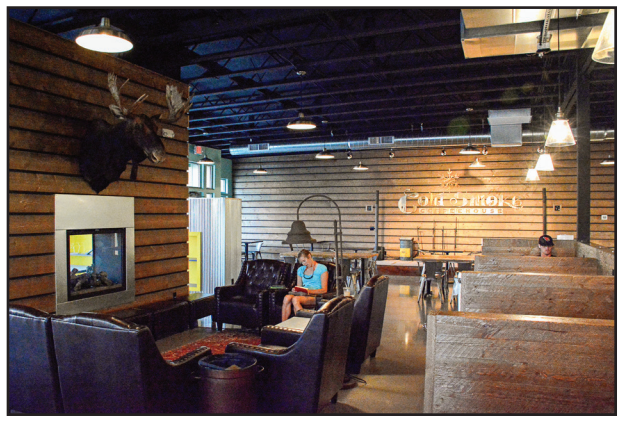
Waterson most enjoys "seeing the things [I] learned about in class applied in real life." For example, she is able to work with pumps used to transfer liquids, which she had previously learned about in her fluids class here at MSU. Seeing them in action, she said, "gave me a better understanding of how they work."

After a representative from BP spoke to her class, Waterson took the initiative to apply online and attend the career fair where she provided BP with a resume. After an interview she received the position. Waterson highlighted that it is important to apply for as multiple internships, attend career fairs, and connect with as many companies as possible. "Even if you don't get an internship that year, at least the companies will know who you are for next year," she pointed out.

Waterson's interest in chemical engineering comes from both a love for math and chemistry, as well as her father who is an electrical engineer. She continues to be inspired by her department's faculty at MSU, noting that, "They all have interesting research, are very supportive and are always willing to answer questions." After graduation, she hopes to get a job where she can directly apply her experience with BP.

When Waterson isn't on the job, she enjoys exploring — whether it's hiking, skiing or traveling.

Study Spots: **Advice from an easily distracted student**





PHOTOS BY CONOR GLESNER

Cold Smoke Coffee House (left) recently moved into a new space that offers an abundance of chairs and desks. The Townshend's Teahouse (middle) downtown offers a variety of teas as well as a quiet atmosphere. It's proximity to campus and small, focused feel make International Coffee Traders (right) a great place to get some work done.

ANJELI DOTY

Parents are carrying suitcases and pillows; freshman are getting lost in Wilson Hall; the bookstore is busy and another school year is about to kick off. Welcome to MSU, new students! We are excited for the fresh energy, eagerness and vibe you bring and hope you transition well. That is, without too many campus parking tickets, where-in-the-world-is-my-classroom moments, or turns into oncoming traffic on Babcock or Mendenhall — the downtown one-way streets. To be successful in school, find yourself a spot or two where distractions are minimized, and you can focus and apply your mind to any given assignment. These nooks and crannies can take a while to discover, especially in a brand new environment. In light of that, my gift to you newcomers is to share my three favorite study spots. Each has a different feeling, and I hope you find a niche that appeals to you and promotes your creativity and focus.

Townshend's Tea House

Townshend's is located on the corner of Rouse Avenue and Main Street, tucked inconspicuously behind red brick walls and sharing a building with the Gem Gallery. The tea house has over one-hundred loose-leaf teas to smell and choose from, and all can be brewed to the drinker's desire. The free Wi-Fi, vintage couches, soulful art and the smell of dry herbs, fruits and flowers, creates a unique environment. All tea drinks are brewed here, so although the wait time after an order is 9-10 minutes, the tea is fresh, hot and fantastic. Townshend's also sells their signature Kombucha, a great pick-me-up. My favourite beverage to order is a Rooibos chai with steamed soy milk. It's something different and is perfect on a chilly fall evening with a stack of statistics homework.

The MSU Quiet Floors

I'm always surprised by how many students are unaware of the designated quiet rooms on the 3rd and 4th floor of the MSU library. Just a jaunt up the stairs is a paradise behind glass doors for the easily distracted. Desks, comfy chairs, a mellifluous fountain and a windowed ceiling provide solace, concentration and (sometimes) the perfect napping spot. The nice thing about the quiet rooms is that they are on campus and reliably have open room. Scowls will be given for speaking anything above the occasional soft whisper, so be hereby forewarned. Grab an Americano from the Brewed Awakening, snag a chair by the fountain and enjoy some quiet in your busy school day.

Coldsmoke Coffee House

Coldsmoke, located in Suite 5 at 2051 W. Oak Street, is where I do the main portion of my night-time studying. Not only do they have rich coffee, tasty hot food and great music, but during the school year they're open until midnight. For those nights before the big test or paper due date, this is the place to be. Coldsmoke has a large seating area, reliable Wi-Fi, a fireplace and a stage which occasionally hosts local musicians. The spot is well known among students and attracts regulars. It's a great place to meet new people and study with friends. Finals week this place fills up quickly, so get there early if you plan on camping out until midnight.

Good luck with your academic adventures and keep exploring!





The Bozeman Public Library (left) has plenty of quiet spots with great views. MSU's Renne Library (middle and right) offers quiet areas to study induvidually or in groups.

15 ways to get in trouble in the Residence Halls

MOLLY MCGONIGAL

With the ushering in of a new academic year at Montana State comes a whole new flock of students in the residence halls. For incoming freshmen and other students alike, there are many obvious ways to get in trouble in the ten different residence halls on campus, but there are also some unexpected ways as well.

1 Alcohol: The number one way to get into a bad situation is to be caught with alcohol in your dorm room or hallway. While the age old "sneak it in the backpack" trick may work sometimes, South Hedges front desk clerk Emily Muir notes that "we most likely can tell the difference between three textbooks and 15 Pabst Blue Ribbon cans."

2 Attempting to make alcohol: Your goal may be to invent the next great microbrew or wine but chances are future customers won't want to come get beer in your dorm room brewery.

3 Drugs: MSU has a strict no illegal drug policy. Get caught with a pipe, a blunt or even a "green brownie" and according to the Dean of Students office, it is grounds for "suspension and/or possible expulsion."

4 Falling asleep in places other than your room: This is considered more of a minor offense, yet you can be written up if you're found asleep in a lounge or even the lobby past normal dorm hours. If you're really tired and can't make it into your room, go take a nap in the library or the architecture building.

5 Hanging things off of emergency water lines: If you have a dorm room with a water line in it, be careful not to hang anything from these as it is considered a serious offense.

6 Owning a toaster: We all love toast, but owning a toaster is considered another serious offense. The toast is just not worth the repercussions.

7 Candles and incense: These both smell great but often lead to fire drills/evacuations at 3 a.m. that everyone loves.

8 Smelly room: According to Langford Resident Advisor Tieler Soumas, "rooms sometimes smell so bad that they can become a public nuisance" and are grounds for being written up and/or more serious repercussions. Make sure to wash your socks.

9 Skateboarding/biking indoors: While skateboarding and biking are useful means of transportation, riding your skateboard in the hallway won't make you on time for class.

10 Subwoofers in your room: You may want to impress your floormates with your epic music tastes but Soumas notes that the "bass often carries to other floors of the dorms."

11 Animals: Although students love to show their spirit for being the Bobcats, you can't actually own a bobcat or any animal for that matter besides a fish.

12 Sex in public places: You may be in the heat of the moment, but it would be best to wait two minutes to get to your dorm room from the movie room or the lobby.

13 Door propping: Many students don't realize that this is a serious hazard and can have serious repercussions.

14 Stealing your bed frame: We get it. Furniture is expensive. While you may want to keep a memento of your time spent in the residence halls, stealing your bed frame will only get you a hefty fine, and a lot of explaining to do.

15 Flipping off your RA: Resident Advisors do a lot to ensure that your time spent in the dorms is just like at home, so the hostility is really not necessary. You can take your stress out on your pillow or the gym.

In the first week of classes, students will be informed by ResLife staff of most of these possible infractions and are asked to sign a contract stating that they will abide by the rules throughout their stay in the residence halls. If a student commits any of these violations, Soumas states "they will be written up by an RA and will receive an email/letter stating they can go before a jury of their peers to state their case." The board will then decide their punishment which can range from an hour of community service to being kicked out of the residence hall. In more serious cases such as having illegal substances, the dean of students will get involved and evaluate an appropriate punishment. Abide by these rules, and students are sure to have an awesome year at Montana State!



It may be faster to skate or pedal, but wait until you're outside. PHOTO BY TREVOR NELSON



ABOVE PHOTO BY KELLEY HALL, BELOW BY TREVOR NELSON

Above, candles provide ambiance and smell nice, but are considered a severe fire hazard. Below, the normally benign toaster is considered contraband in the residence halls.



VOLLEYBALL

Digging deeper this season



PHOTO BY ROGER MILLER

Junior right-side forward Eli Svisco executing one of her many kills against Eastern Washington last fall.

LIZZY NARIGON

When the school year ended and students began to relax, training for Bobcat Volleyball was just commencing. The team has been tirelessly preparing for their fall season since last spring. They have high hopes and expectations as they set forth into competition once again.

"Almost the entire team has been in Bozeman since the beginning of June working out with our strength trainer. Even the incoming freshman class came as soon as possible once they finished off their club seasons ... We've been doing a lot more plyos, cardio and speed training this summer as opposed to lifting," junior outside hitter Eli Svisco said.

According to Svisco, the team has been diligently preparing with huge season goals in mind. Specifically, they plan to utilize their diverse team of returning players and newcomers to make it to the conference tournament. She said the team is older this year and more experienced, with high hopes of performing well once conference season begins.

Senior libero Kasey Schlatter agrees, "Ultimately, we'd like to be playing for a conference championship but in order to get there we need to be at our best at the end of the season."

The team started training twice a day the first week of August in order to get ready for the intensities of the coming season. Schlatter highlighted the change in the team's focus from this year to last. The team plans to key in on their strengths as a more experienced team rather than just trying to win more games than last year.

When asked about what sets their team apart from others, both Svisco and Schlatter agree that their team has trained above and beyond to set themselves up for success.

"We have a lot of pride in what we do. We are not satisfied with just playing well; we want to win," Schlatter said.

Svisco said the team consists of many versatile players from around the country who each bring different strengths to the team.

She added, "We have speed, athleticism and determination like no other team. Also, we've all been training the entire summer, unlike the other teams in the conference. This will definitely set us apart from them."

The Bobcats kick off their season on Aug. 29 in Salt Lake City against New Mexico State University. Their first home game is Sept. 27 against University of Montana.

BICYCLE AUCTION !

MSU Police Department
Corner of Kagy Blvd & South 7th Ave

Saturday
September 6, 2014
Viewing at 9:00 a.m.
Auction at 10:00 a.m.

List of bicycles being sold will be posted 15 days prior to the auction at the City Library, City Hall, Law & Justice Center and the Strand Union Building

FOOTBALL

Cats hit the field



PHOTO BY ROGER MILLER

Sophomore running back Gunnar Brekke (#37) turns the corner as senior quarterback Dakota Prukop (#5) looks on. The Bobcats began to practice in full pads on Aug. 9.

DAVIS CONNELLEY

As summer starts to wind down, August action on the gridiron starts to heat up. The opening of fall camp arrives full of hope and renewed expectations for teams across the nation — not least of all for the Montana State Bobcats and the rest of their Big Sky Conference counterparts. As a surprising 2013 MSU season showed, pre-season predictions can be derailed by injuries and the ups and downs of football.

With that in mind, both the conference coaches and the media released their preseason predictions. In both polls, the Bobcats were ranked third, with Eastern Washington leading the pack and the UM Grizzlies coming in second. The EWU Eagles were a near unanimous selection in first place, and that's no surprise. The Eagles ran the table last season and will look to do so again with returning superstar quarterback Vernon Adams at the helm. The Cats were nationally recognized as well, coming in at No. 19 of 25 in the inaugural FCS Coaches Poll.

The Bobcats remain well within striking distance but must answer some big questions in the coming weeks. The loss of offensive juggernauts DeNarius McGhee and Cody Kirk to graduation as well as losses due to injury and ineligibility further reducing an already short-handed linebacking corps, the Cats will look for players to step up and compete.

That said, the Bobcats still possess plenty of firepower in all three aspects of the game, offense, defense and special teams. Offensive guard JP Flynn and cornerback Deonte Flowers join special teams standouts Shawn Johnson and Chad Newell on the preseason all conference lists. The Cats kick off their season on Aug. 30 against Arkansas State in Jonesboro, Arkansas. The Gold Rush game Sept. 6 against Black Hills State in Bobcat Stadium.

The Montana State University experience

Every year, all around the world, waves of incoming university students pack their belongings and say goodbye to family and friends to venture forth into freshman year. Each of the thousands of universities all over the world offers an unique experience and environment that will become home for every student at that school. Montana State University is no exception.



BRANDON SLADEK
Opinion writer

University life thrives in Bozeman. From the research labs all the way to the crest of the highest slope at Bridger Bowl, the university environment at MSU is surely a unique one. Yet what each student will realize as they walk the halls of campus is that going to a university is about more than just how great the environment is and how good the programs are. It is an opportunity to shape your education and perspective to however you see fit. It is your chance to create an experience and a life that is all your own.

Academics are of course the main focus at MSU, as with any institution aimed at helping students develop the skills needed to make great contributions to the world. Whether you aspire to be an engineer, have a business career, or be a nurse, the academic experience at MSU allows you to follow your interests and your intuition. You can learn as much as you want to learn and explore as much as you want to explore. Some students even bring their books with them on hikes in the surrounding mountains, looking for a peaceful place to study for their next exam.

At MSU, you will find boundless opportunity to do whatever you want to do, in terms of both academics and social life. The university has numerous clubs to join, and each can provide the opportunity to make lasting changes in the world. From Engineers Without Borders, a club that does water and sanitation work in rural Kenya, to the International Business Club, a club that immerses you in the language of global business, to the Global Culture Club that celebrates cultural diversity around the world and here in Bozeman, the clubs at MSU are energetic and intellectual as well as an integral part of university life.

Getting involved is as simple as attending a pizza party on your floor or sending an email to an interesting professor. At MSU, the professors, advisors and students know that education is about more than just reading a textbook and taking exams. They know, and they will teach you to know, that learning at a university isn't about taking a certain set of classes and then walking away with a fancy paper in your hand. College is about pursuing your interests and meeting numerous friends and colleagues along the way. Whether you fancy yourself as a chemical engineering student working on carbon nanostructures or a business student working on a tourism project in Mongolia, there is a seemingly endless number of opportunities to get involved, make memories, and grow as a student and young adult.

You can learn as much as you want to learn and explore as much as you want to explore.

MSU is teeming with energetic, intellectual minds. Here you will find yourself in classes full of like-minded people. You will make friendships that last a lifetime, friendships centered around the interests that you develop throughout your college career. Fraternity and Sorority Life thrives at the university, with numerous chapters for students to join. Numerous study groups exist as well, many of which seem to be spontaneously created during finals week. Whether it is bringing coffee to the library where your study group is focused on rocking tomorrow's final exam, or rafting down the river with some friends from a club or the fraternity or sorority chapter you joined, the people that you meet at MSU will help shape the best years of your life.

Enrollment at MSU keeps rising every year, testament to the superiority of its programs, people and way of life. Pervasive campus developments signify the university's momentum. From the new Jake Jabs College of Business and Entrepreneurship building, to the plans for the new College of Engineering building, to the new dormitory about to begin construction, MSU is at the forefront of education and the forefront of the college experience. Every year, all around the world, waves of incoming university students pack their belongings and say goodbye to their family and friends to venture forth into freshman year. And every year, thousands of students arrive on the steps of Montana State University.

The Montana State Exponent
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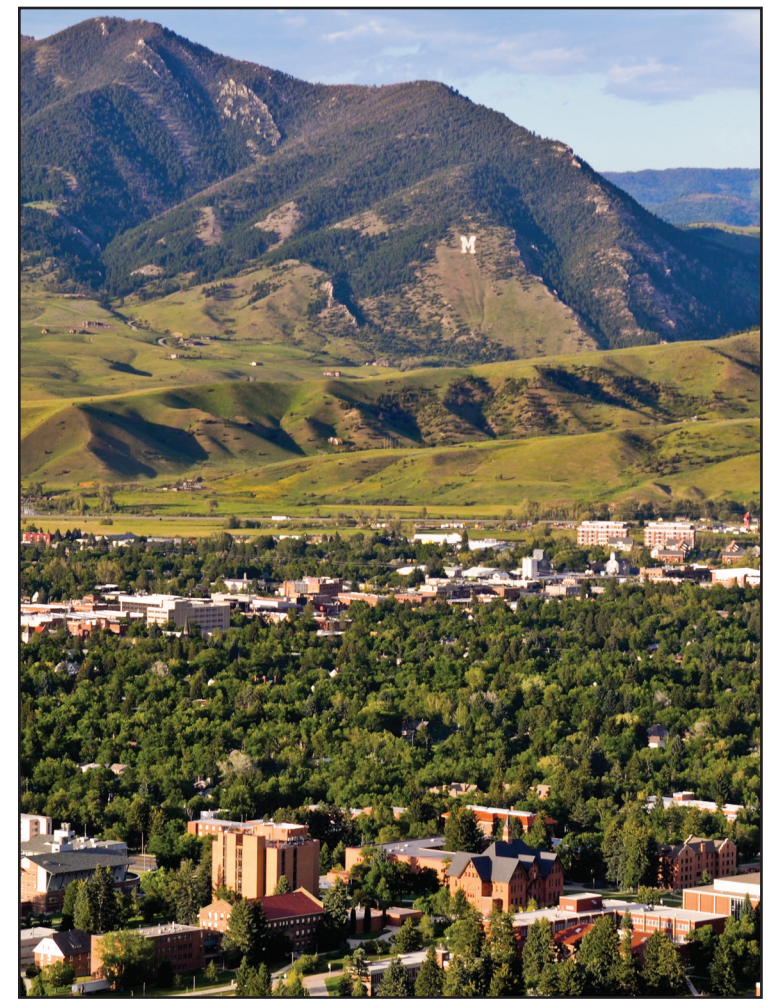
Welcome to Bozeman, damn fine choice you made



Bozeman stretches out, fading into the mountains surrounding the town. PHOTO BY JIM HARRIS



ABOVE PHOTO BY KELLY GORHAM , BELOW BY CRAIG HERGERT

Above, the M is visible from most places in Bozeman. Below, a panoramic view shows a beautiful Bozeman landscape.

MIKE ENGLAND

Towering mountains, tumbling rivers, vast open spaces crawling with wildlife, and a cool little town nestled amidst it all—this is what you got when you signed up at MSU. Good choice.

Bozeman is a town of many faces. Watching cowboys in full-sized pickup trucks lollygog down Main Street on a lazy Sunday or disheveled teenagers thumbing rides to Bridger Bowl, an out-of-state visitor might think we're just another quiet Montana backwater. Nothing could be further from the truth.

True, Bozeman is first and foremost an outdoor recreation paradise. You can pretty much do it all here: fish, ski, kayak, rock climb, hike, bike, camp, backpack, windsurf, kite-ski, horseback ride, snowmobile, cross-country ski, snowshoe, swim, raft, and canoe, to name a few. People come from all over the world to partake of our unspoiled natural landscapes and all the sport and adventure they offer.

But Bozeman is also the cultural centerpiece of southwest Montana, with its roughly 40,000 citizens enjoying excellent local playhouses, numerous art galleries, regular poetry and book readings, a vibrant open-mic scene, the incomparable Emerson Cultural Center, the Intermountain Opera, the Bozeman Symphony, and dozens of local bands covering a wide range of musical genres. Did you know Bozeman has a 17-piece jazz orchestra? Were you aware that you can dance tango, swing, and ballroom just about every week of the year?

Bozeman's citizenry spans the spectrum as well, from 5th-generation ranchers to erudite scholars, migrant construction workers to database engineers, dirtbag climbers to world-renowned athletes. For every plumber turning a wrench on a broken pipe, there's a watercolor artist across town putting brush to canvas. Bozeman is nothing if not diverse in its demographic.

And nearly all of these people are laid-back, friendly, fun-loving folks—that is, after all, why they're here. Yes, outsiders are moving here in droves, and some of them bring the furrowed brows and stern countenances formed from years of big-city living. But Bozeman has a way of taking the tension out of you, like a psychological back rub. It's hard to be uptight after bombing a sweet powder run at Big Sky, hooking into a football-sized trout on the Madison, or watching a herd of elk graze an open meadow as alpenglow settles on the slope behind them.

Yep, Bozeman's both an easy-going hamlet and a well-rounded mini-metropolis—which is why locals half-jokingly refer to it as Boz Angeles. (If you doubt the suitability of this moniker, take a drive down N. 19th on Friday afternoon—the traffic's murder!) Either way, rest assured that you live in a wonderful town loaded with opportunity for leisure and recreation. Be sure to close the books once in a while and make the most of it.



History of the M: **MSU's hard-won hillside homage**



PHOTO BY RYAN WILSON

The M hike is an annual tradition for students.

KIRA STOOPS

The whitewashed M at the mouth of Bridger Canyon seems to symbolize Bozeman itself, welcoming travelers from its perch at 7,000 feet and looming peacefully over the entire town. Technically, however, the huge letter stands for Montana State University and was brought by the hard labor of the enterprising class of 1918.

In the fall of 1915, MSU sophomores pledged to create a monument to the university. Drawing up a proposal and wrangling a Forest Service permit, the students earned a day off of class, and 60 young men trudged up the south end of the Bridgers to kickstart the project. In one day, they carefully drew outlines for the 240' x 160' letter, pried rocks from the hillside, and carried them by hand to fill in the site. When the snows cleared in the spring of 1916, they returned to whitewash their masterpiece.

From then on, whitewashing the M became a ritual for MSU freshmen. An honorary society of seven senior men call the Septemviri was established in 1920 to safeguard campus traditions. Alongside the sophomore unit called the Fangs, the two societies prohibited freshmen from dating until the M had received its annual coat of lime.

A women's counterpart to the Fangs emerged, the SPURS, and eventually the two groups joined into one: the Fangs and the SPURS. (In 2006, they changed names once more to the more descriptive and humdrum "Student Alumni Association.") Over time, the Fangs and the SPURS, alongside various athletic groups, gradually accepted the responsibility for the upkeep of the M, returning annually to re-lime the letter and collect trash along its two approach trails.

Still, by the late 90s, the M needed more than another coat of pain. Led by the late Torleif Aasheim (former director of Montana Cooperative Extension Service and graduate of '37), university employees, alumni, and community members organized a major restoration of the landmark. They raised $100k , promptly redesigning and paving the parking lot, replacing fallen rock, and repairing and improving the trails.



PHOTO BY CRAIG HERGERT

An American flag adorned barn stands proudly before the M.

A few years ago, a new tradition launched at the renovated M. In honor of the first football game of the season, the Student Alumni Association lit candles outlining the M, letting the symbol glow into the night. They repeat the ritual annually.

The candle ceremony seems to honor a caption from the 1918 MSU yearbook: "May the M stand long as a symbol of our loyalty to Montana State and a reminder of what a united class can accomplish."

Bozeman Lingo: **Survival slang for newcomers**

DREW POGGE

Every town has a vernacular: a local lingo, idiom, or dialect. For instance, in the Northeast, an ordinary ice cream cone is called a "creemie." Gross. But Bozeman is no different, and unless you want to sound like a creemie-slurping fool, study up before heading downtown.

Ridge Hippy:
Locally envied dirtbag ski bums who devote their entire lives to skiing Bridger Bowl's famed steeps. Also: sculpted, chiseled, and otherwise modified-looking hipsters who "fake bake" between yoga sessions and mugs of yerba mate at the Ridge Athletic Club.

Belgradian:
A resident of nearby Belgrade (also: Belgradite, Belgradonian, and "Mel"), and a blue-collar, beer-based beverage.

Bozeman Blight:
A beloved part of northeast Bozeman that is undergoing large-scale renovation and improvement. Also refers to the fact that the growing season for fruits and vegetables in Montana is approximately four days a year.

Cougar:
A predatory cat native to the mountains of Montana. Also, a predatory middle-aged woman native to divorce courts, expensive rug galleries, and Plonk.

The Barmuda Triangle:
Sounds like an area of the Atlantic Ocean in which suspicious numbers of vessels and aircraft have vanished without a trace. But it actually refers to the triangular configuration of the Molly Brown, the Scoop, and the Haufbrau, where suspicious numbers of brain cells and inhibitions have vanished without a trace.

Hunting Season:
The specific time of year in which it's legal to kill some kinds of game animals. In Montana, that time is, well, any damn time you want.

Downtown:
In Bozeman, it's the place to meet friends. It's also the title and infuriatingly redundant chorus of a 1965 "oldie" that radio DJs continue to play only because it's fun to watch people hurl themselves from bridges and overpasses rather than listen to its cheery—but subtly menacing—melody one more time.



ILLUSTRATION BY BLAISE ARSENAULT

The Green Scene: **Bozeman's plentiful parks**



ABOVE PHOTO BY RYAN KRUEGER, BELOW BY CHRISTIAN SHUMACHER

Above, the Kagy to Highland trail boosts gorgeous views of Bozeman. Below, a Bozemanite scales the Bozeman Pond boulder.

RYAN KRUEGER

Bozeman has an incredible park system interlaced by trails; the city also boasts a great recreation department that hosts all kinds of programs year-round. Check out these local favorites, but remember, the list doesn't stop here—find your own favorite by getting out there and exploring all the other parks around town.

Well-known Bogert Park, with its spacious field and large pavilion, is ideal for picnics and gatherings. Bogert has also been home to the Bozeman Farmers' Market since 1974 (currently on Tuesday nights throughout the summer). Get your feet wet in the outdoor pool or creek, head over to the tennis courts to hit a few balls with a friend, watch an evening concert by the stage, spend some time with the kids on the playground equipment, or partake in some hockey during the winter season.

The East Gallatin Recreation Area is a popular place on warm days, and it features a sand beach, volleyball courts, fishing platform, and horseshoe pits. Locals flock here for swimming, tanning on the beach, or brushing up on their kayaking skills before hitting the river. It's also an ideal location for gatherings and picnics.

If you're a dog owner or just love a good sunset, head over to Burke Park, also known as Peets Hill. Burke Park is one of the few off-leash dog parks in Bozeman, so let your pooch gallivant while you meander the breathtaking trail system. Or just take a break on one of the many park benches for a grand sunset view over Bozeman.

Other notable parks around Bozeman are Kirk Park (which includes the Bozeman Skate Park), Lindley Park, Cooper Park, the Westlake BMX Park (where you can ride on the track or hit the dirt jumps), and the Rose Park disc golf course, which is a good place to hone your disc golfing skills before heading out to one of the other more difficult disc courses in the Bozeman area. The enormous Gallatin Regional Park has ponds, miles of trails, and a hill for sledding.

Over the last few years, the Bozeman Boulder Initiative has installed six realistic climbing boulders throughout Bozeman's parks and open spaces. Our favorite is in Langhor Park near the Community Gardens just off of the Gallagator trail. Others can be found at Depot Park, the Bozeman Pond, the East Gallatin Recreation Area, and the Gallatin Regional Park.





ABOVE PHOTO BY CHRISTIAN SHUMACHER, BELOW BY RYAN KRUEGER

Above, a climber finds footholds on the Depot Park boulder. Below, Bozeman Beach, formally known as the East Gallatin Recreation Area, is a great place to kayak, swim or hang out with friends.



Bozeman Climbing: **Good spots to get vertical**

MATT PARSONS

If you're new to Bozeman or to climbing, you may be surprised at the abundance of opportunities in the area. There are literally hundreds of established routes within an hour's drive of MSU. Difficulty ranges from easy 5.6 to gnarly 5.13 routes.

Whenever you arrive in a new locale, the first thing you should do is visit the local climbing shop. Northern Lights Trading Company and REI are two must-visit shops in Bozeman. Northern Lights is steeped in climbing history and both shops have knowledgeable staff that get out and climb hard.

When you get there, let the shop guys know your climbing ability and ask them about their favorite climbs. Here's a typical Northern Lights beta exchange:

You: Dude, I just got to town. I'm SO stoked! Where can I go climbing?
Dude: I'd head out to Practice Rock in Hyalite Canyon. There's both sport and trad routes. Warm up with 5.6 Crack and if you're feelin' it, move on to Blind Black Babies (5.9).
You: Blind what?
Dude: Are you taking notes or what?
You: Yeah, yeah, good stuff... keep going.
Dude: Bear Canyon is another good option close to town. There's a fin where you can set a top rope. Climb Batman and Robin (5.8, 5.9) and then move on to Ignition (5.11a) if you're feeling strong.
You: Are there any bears, though?
Dude: What?
You: Well, it's called Bear Canyon. Do I need that bear spray stuff?
Dude: You must be a freshman.
You: Actually, I'm a grad student.
Dude: Anyway, after that you should check out Gallatin Tower in the canyon. There's a classic multi-pitch called the Standard Route. It's three pitches of 5.7/5.8 and it's a great place to learn to lead trad.
You: Rad. But I think bouldering is more my bag. Whatcha got around here?
Dude: There's some great bouldering on the Madison River, at Yankee Jim in Paradise Valley, and at Whiskey Gulch near Whitehall. There's even six artificial boulders scattered around town.
You: Climbing in town? Sounds awesome. Thanks bro!
Dude: No prob. Happy climbing.



PHOTO BY RYAN KRUEGER

A local climbs King and Queen near Whitehall, a short distance away from Bozeman.

Check out Rock Climbs of Southwest Montana, a local guidebook, available at Northern Lights on W. Babcock or online at *NorthernLightsTrading.com*.

Prepare—Be Bear-Aware! **Staying safe in bear country**



PHOTO COURTESY OF YELLOWSTONE NATIONAL PARK

A grizzly bear roams a field at Yellowstone National Park.

For more information on staying safe in bear country and properly using pepper spray, visit *sierraclub.org/grizzly*.

MONICA FELLA

There's something special about hiking and biking in land that is wild enough to hold grizzly bears—and if you're here from out of state, you may not know that Montana is one of only three lower-48 states to have grizzlies roaming its mountains. This is both a privilege and a responsibility. Many of the several bear-related injuries and deaths that occur each year are avoidable. Here are a few tips to keep both you and the bears safe this season.

Recreate Responsibly

Avoid areas with recent bear activity. Travel in groups and during daylight hours. Remember to make noise; bears want to avoid us as much as we want to avoid them. Make your presence known by calling out or clapping, especially around loud streams, on windy days, and in areas of low visibility. (Although bear bells are a joke to locals, they do actually work.) Stay on trails to reduce the chance of sudden encounters, and of course, always carry bear spray—and know how to use it.

Keep a Clean Camp

While camping in bear country, take steps to keep unwanted ursine guests from arriving in the middle of the night. Always store attractants (food, trash, beer, coolers) in a secure vehicle or bear box. Keep your tent free of these items and any toiletries that have an odor as well. When backpacking, cook and hang your food (minimum 10-15 feet) at least 100 yards away from your sleeping area.

Be Cool

If you encounter a bear that doesn't see you, backtrack slowly and quietly. If the bear does see you, stay calm—don't panic or make sudden movements. Avoid direct eye contact and talk calmly to the bear to let it know you are not a threat. If the bear charges, stand still—bears often bluff-charge. Have your bear spray in-hand and ready to spray—you cannot outrun a bear, and it can climb trees, too.

Most grizzlies want nothing to do with us; they don't view us as food, and they prefer to avoid contact as much as we do. Bears are territorial and unpredictable, however, and acting differently than the manner described above could provoke an attack. Stay alert, stay calm, and you'll stay safe.

If we all do our part and act responsibly, we can continue to be proud that Montana still has grizzlies and we haven't followed in the footsteps of states like Colorado and California, where they are nothing more than memories.

Underage Entertainment: **Having fun when you're under 21**



A typical nighttime jam at Norris Hot Springs. PHOTO COURTESY OF NORRIS HOT SPRINGS

KATE BEAUDOIN

If your fake ID got confiscated or you can't hack another house party teeming with sloppy drunks, don't fret—there's plenty of clean, wholesome, legal fun to be had in Bozeman without all those pesky fines, community-service hours, and policemen.

The Bowl

The recently renovated Bowl is Bozeman's only public alley. Lanes can be crowded, so consider joining a league with some friends to guarantee a spot. They've got snacks and non-alcoholic beverages; plus, with a mix of professional bowlers, college kids, and birthday tots, the people-watching is primo.

Sizzling Salsa

While everyone else heads down to hit up ladies and '80s night, take the chance to learn some actual moves and up your game with a night of salsa lessons and open dance at the MAC (Movement Arts Center) off W. Kagy. It starts at 8pm every Wednesday (except the first Wednesday of each month) and is only $3. *facebook.com/sizzlingsalsa.*

Procrastinator Theater

This student-run theatre, located in SUB 287, offers two shows each night of the week except for Wednesday. The movies are usually fresh out of the theaters, so it's cheaper—only $2 a ticket. And don't miss out on the risqué Erotique Night every Thursday (when tickets are only $1), featuring a late-night show and sexy giveaways. *montana.edu/asmsu/proaboutus.html.*

Zebra and Mixers

Every now and then these bars host a 17+ show, usually as a precursor to the 21+ late-night event. Watch for posters around town, and check out their Facebook pages to keep up with next chance to get down. *zebracocktaillounge.com*, *mixersclub.com*.

SUB Rec Center

This little hole in the wall is packed with games: pool tables, shuffleboard, arcade games, Guitar Hero, Playstation 3, and a bowling alley that hosts "Combust-a-Bowl" every Friday and Saturday evening, featuring party lights and rowdy music. You can play most of the games for just under $5 an hour, and during happy hour, Monday through Thursday from 3-6pm, everything's around a dollar off. It's alcohol-free and they've got all kinds of good snacks and drinks. (And don't miss out on their best-kept secret: the SUB Underground music venue in the basement hosts great local musicians.)

Norris Hot Springs

Located about 30 miles southwest of Bozeman, these natural hot springs host acoustic and Americana music every Friday, Saturday, and Sunday from 7-10pm. The musicians hole up in "the dome": a wind-resistant stage where they can perform year-round for soakers. It costs $7 to watch the music and enjoy the water, and they even have a safe driver program: each designated driver for carloads of three or more gets a free soak pass to use on the next visit.





The Bozeman Beat: **Where to tap your feet around town**



Above, a local band performs at the Zebra Lounge. Below, Blitzen Trrapper rocks the house at the Filling Station. PHOTOS BY RYAN KRUEGER

KATE BEAUDOIN

There's an old joke that if you want the weather to change in Bozeman, just wait five minutes. Sun may turn to snow in a flash, but there's one thing you can count on to be steady around here: the beat. Bozeman's got a surprisingly good, albeit predominately local, music scene.



Local Bands

Bozeman is overflowing with local acts, and on any given night you'll find bars, from divey to swank, packed like sardine tins. Keep your eyes peeled for posters featuring Pinky and the Floyd, the Bridger Creek Boys, Cure for the Common, Archer's Mob, and Flatt Cheddar. And check out bands like the Clintons, the Dirty Shame, and Little Jane and the Pistol Whips, who've gone from small Bozeman shows to big-stage gigs, yet still come back to rock with us.

Favorite Haunts

For the best places to find up-and-coming bands, visit the "Barmuda Triangle" and the Haufbrau every Sunday and Monday for open-mic night, as well as slotted performers the rest of the week. The Filling Station has one of the best dance floors in town, and has hosted the likes of Blitzen Trapper and Leftover Salmon. And the Zebra Cocktail Lounge brings in some big-name hip-hop and dubstep acts from around the world, like Gift of Gab and Eoto. Most of the bar shows are 21+, but every now and then there'll be a 16+ night for those youngsters out there.

Big Acts

For a lineup of big-name musicians, check out the Brick Breeden Fieldhouse, which has recently hosted John Mayer, Ben Folds, Snoop Dogg, Plain White T's, Blake Shelton, and Brad Paisley. Other popular locations are the Gallatin County Fairgrounds and the Emerson Cultural Center, where Mason Jennings, Yonder Mountain String Band, Michael Franti, Atmosphere, and Martin Sexton have all blown away Bozeman-area fans.

Outdoor Tunes

A Bozeman music scene wrap-up just wouldn't be complete without the great outdoors—even during the winter. Norris Hot Springs fashioned an elements-resistant dome stage where some great Americana and bluegrass bands jam for relaxed soakers year-round. In the summer and early fall, check out the patio behind Ted's Montana Grill or the Rocking R Bar's outdoor concert series. And if you're bumming around Main Street on the weekends, you can bet you'll run into some musicians, their mandolin cases stuffed with dollar bills.

Take to the Trails: **Hiking the Bozeman hills**



Above, a hiker enjoys the view from their high vantage point within the Bridger Range. Below, hikers are silhouetted on the Sypes Canyon trail. ABOVE PHOTO BY MARK GENITO, BELOW BY PAUL DAVID

PHIL KNIGHT

Tired of sitting in classes? Need to blow off some steam, or just get out in the hills for a quick nature fix? There's no lack of trails around Bozeman—within 20 miles you'll find enough hiking to keep you busy for years of Sundays. Since most trails head into the mountains, be ready for some up and down, and plan on rocky, rugged conditions underfoot. Also be ready for sweeping views of the Gallatin Valley and six different mountain ranges.

Gallatin Range

Just south of Bozeman is Hyalite Canyon, a popular destination offering lakes, waterfalls, great campgrounds, peaks, and several awesome trails. Try the east Fork of Hyalite for the 4.5-mile trek (one-way) to Emerald Lake. Or head for the heights on 10,154-foot Mount Blackmore, via the Blackmore Trail from Hyalite Dam.

Bear Canyon is an easy drive from Bozeman. The New World Gulch trail will take you to a gorgeous meadow below the east face of Mount Ellis. For the more ambitious, try bushwhacking to the top of the 8,300-foot mountain, or continue on the trail to Mystic Lake.

South Cottonwood Canyon, immortalized in Robert Persig's classic Zen and the Art of Motorcycle Maintenance, is sometimes known as Bozeman's "vest-pocket wilderness." While popular, it is roadless and still quite wild, with great access into a deep Gallatin Range canyon.

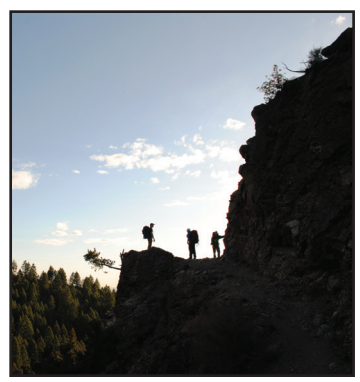
Bridger Mountains

Ten minutes from town and you can be trucking up a steep trail into the rugged Bridger Range. For a more well-traveled experience, the M trail offers both well-graded and super-steep options, but the views are unbeatable, and you can continue up the Bridger Ridge as far as you can handle. Drinking Horse, across the road from the M, is a bit shorter.

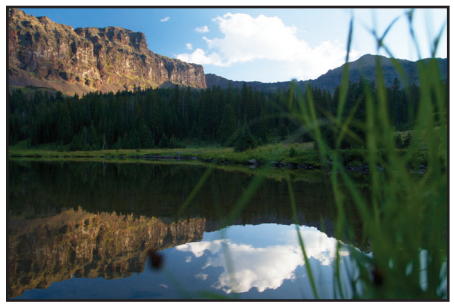
Sypes Canyon Trail, northwest of town but still close, takes you up a cool moist canyon, over a rocky promontory, then onto a spur ridge of the Bridger foothills. It connects with the Bridger Foothills Trail going both north toward Fairy Lake and south to the M.

Farther from town, in the northern Bridgers, North Cottonwood Canyon has a unique approach across flower-studded, high-mountain meadows before you head deeper into the steep canyon.

No matter where you head, be sure to leave the land and the trails in as good, or better, shape than you found them. And keep exploring—there's a lot of incredible backcountry in Montana.



Five alpine lakes fit for a quick overnight hike





LEFT PHOTO BY RYAN KRUEGER, RIGHT BY PETER PONCA

Left, Emerald Lake's scenery is well worth the 4 mile hike. Right, a hiker rests after the 3 mile hike and enjoys a stunning view of Lava Lake.

PHIL KNIGHT

Southwest Montana is blessed with hundreds of alpine and subalpine lakes, also known as tarns. Gifts of the glaciers that also carved our iconic mountains, these sparkling little lakes make perfect destinations for overnight hikes. Many of the lakes boast perfect campsites just a stone's throw from the water. So start picturing your own peaceful evening by the water, hot drink in-hand as you watch trout dimpling the surface.

Lava Lake, reachable via a moderate three-mile hike on Trail 445 from Hwy. 191 through Gallatin Canyon, is justifiably popular. Don't expect to have it to yourself on a weekend, but do expect a gorgeous setting. There are great campsites, and rocky promontories provide panoramic views of the Cascade Creek cirque. The trail switchbacks steeply from the lake, past an old asbestos mine to Table Mountain.

Tucked in below Blaze Mountain in the Spanish Peaks lies perfect Mirror Lake, where many a suitor seeking to ski the Blaze has ended up in error. Make the six-mile approach on purpose for a spectacular campsite. You can daytrip from Mirror to Summit Lake and beyond, to Gallatin Peak—at 11,015 feet, it's the highest peak visible from Bozeman.

Another classic is Pine Creek Lake in the Absaroka Range. Leave the lollygaggers at Pine Creek Falls behind as you head for the high country. The steep five-mile approach from the trailhead near Pine Creek campground will make you wonder why you packed that can of Dinty Moore instead of the freeze-dried chicken alfredo, but your lakeside dinner will make it all worthwhile. This is a cold, deep lake with stunning views of Black Mountain's north face rising to nearly 11,000 feet.

The East Fork of Hyalite Creek offers two gorgeous lakes for the price of one. Most hikers stop at Emerald Lake (four miles in on Trail 434), so continue on another mile to Heather Lake for a slightly more remote, alpine camping experience.

There is no lack of other lakes available hereabouts for remote camping. They are scattered throughout the high country, and some off-trail lakes see very few visitors. Most offer great fishing and—for the hearty—swimming. Arrive after a hot, buggy hike to one of these lakes and jump straight in for the perfect antidote to heat and fatigue. Remember to camp well back from the shore, use established campsites, and minimize your impacts.

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The Courseload at Trout U: **Fishing Bozeman's big three**

KRIS KUMLEIN

To clear up any confusion for you business majors, "The Big 3" isn't Ford, GM, and Chrysler; it's the Yellowstone, Madison, and Gallatin. These three rivers are open year-round, offer a wide variety of fishing opportunities a short drive from town, and are the reason MSU is known as "Trout U." Here's a rundown of when, where, and how to fish these incredible rivers.



Above, a local flyfishes on the Gallatin River. Below, drift boating and fly fishing are popular on the Yellowstone river. ABOVE PHOTO BY KENE SPERRY, BELOW BY DENVER BRYCE

The Yellowstone: Most Unpredictable

The longest free-flowing river in the Lower 48, the Yellowstone originates in Yellowstone Park, but its most famous stretch runs between Gardiner and Livingston. Float-fishing is the most popular way to access this stretch because the river is so big and broad in many places. Brown trout, rainbows, cutthroat, and whitefish populate the Yellowstone, and depending on the time of year, you can use anything from grasshopper imitations to big stonefly nymphs, small mayflies and caddis, or big streamers. The sheer variety and unpredictability are the main draws of the Yellowstone.

The Madison: Most Famous

If you haven't heard of the Madison River, chances are you don't fish. The stretch from Hebgen Lake to Ennis Lake is consistently one of the busiest in the state, and for good reason: it boasts some of the region's most prolific brown and rainbow trout populations. And with over 100 miles of quality water, you can nearly always find a chunk to yourself. Food sources vary greatly depending on time of year and the stretch you're fishing, but they including crayfish; a variety of stoneflies, mayflies, and caddis; as well as sculpin and a variety of baitfish. Be sure to ask local fly shops about where to go and what to use.

The Gallatin: Most Overshadowed

In an area that boasts more famous trout streams than anywhere else in the world, the Gallatin often gets outshined by other rivers. But what it lacks in notoriety, the Gallatin makes up for in beauty and hungry fish. The best fishing is definitely during summer, when the weather warms and the insects start hatching. Anywhere from the Yellowstone Park boundary down towards Manhattan offers good fishing with bushy attractor dry flies like trudes and stimulators. The spring and fall aren't bad either, and, regardless of the season, you can find fish somewhere on the Gallatin.

With the Big 3 right in our back yard, it's no wonder people spend so many years finishing up college or "finding a real job" around Bozeman.

Find more info and updated fishing reports at *troutfitters.com*.



CALENDAR

August 17 to September 5

Want your event featured here? Email information to entertainment@exponent.montana.edu, preferably two weeks in advance.

ON CAMPUS

URBAN HOMESTEADING SERIES: BASICS OF BEEKEEPING
Tuesday August 19, 6 - 8 p.m.
Museum of the Rockies
Cost: $8 non-members, $5 members
Learn how to set up a new hive and where to find the tools and supplies you need. Gain expertise in basic honey bee biology and learn valuable strategies for coping with common pests and diseases.

CATAPALOOZA
Thursday August 21 and Friday August 22, 10 a.m. - 3 p.m.
Centennial Mall
Over 300 campus and community booths will be set up on Centennial Mall on the MSU Campus. Catapalooza 2014 will feature live music and entertainment, free food, giveaways, prizes and fun activities.

SORORITY RECRUITMENT
Monday August 25 - Friday August 29
Various locations
Membership provides opportunities for leadership development, scholastic achievement and life-long friendships. We encourage all Montana State students to learn more about the opportunity of membership in a fraternity or sorority. Register online at montana.edu/wwwgreek/calendar.html.

MSU 101
Thursday August 28, 4 - 8 p.m.
SUB Room 235
Students will learn about test taking, note-taking, test anxiety and many other tools and tips to help them throughout college.

SPORTS

FREE WEEK OF GROUP FIT CLASSES
Monday August 25 - Sunday August 31
Marga Hosaeus Fitness Center
Group Fit Classes are free this week at the Hosaeus Fitness Center. Over 60 classes per week are offered including yoga, cycling, dance, strength, ab lab and more. Classes are offered early morning, midday, and evening; weekend classes are also available. Classes are 50 minutes in duration and taught by fully certified instructors. The class schedule can be viewed online at montana.edu/getfit. After the free week, students can buy an unlimited class pass for $40/semester.

GALLATIN ROLLER GIRLZ
Saturday August 23, 8 p.m.
Haynes Pavilion
The mission of the Gallatin Roller Girlz is to empower individuals through the sport of roller derby. Women 18+ are invited as league skaters, referees, and non-skating officials. Men 18+ are given equal opportunity to participate in the league through both skating and non-skating officiating opportunities.

2 FREE WEEKS: PINK GLOVES BOXING
Monday August 25 - Friday September 5
Marga Hosaeus Fitness Center
Pink Gloves Boxing (PGB) is a fun, friendly and encouraging environment that personally challenges you at your level. You'll develop powerful boxing skills and define a healthier, more confident you — in mind, body and soul. PGB is a 12-week program that meets twice a week. Beginners are required to make an initial investment of $60 in equipment in addition to the class fee of $60.

COMMUNITY

CRUISIN' ON MAIN CAR SHOW
Sunday August 17, 9 a.m.
Downtown Bozeman
On Sunday morning Main Street in Downtown Bozeman will be closed to make room for hundreds of cars, trucks and motorcycles. Cruisin' on Main is open to the public and will take place rain or shine. For more information about the Cruisin' on Main Car Show call the Downtown Bozeman Association at 586-4008 or the Cancer Support Community at 582-1600 and cancersupportmontana.org.

MSU COMMUNITY CAT WALK
Friday August 22, 11 a.m. - 1 p.m.
Downtown Bozeman
MSU President Waded Cruzado, Champ, the MSU Spirit of the West Marching Band and other MSU representatives and community members will make their way down Main Street and through the Mall to create some "Bobcat Buzz" throughout the community by visiting businesses and stores, playing the fight song and passing out Bobcat gear, schedules and Bobcat window decals along the way.

DIGGER DAYS
Saturday August 23, 9 a.m. - 4 p.m.
Cook/ Lehrkind Gravel Pit
Cost: $5
Think you've got what it takes to operate big construction equipment? Want to find out? Come to Digger Days! You'll be able to sit in the cab and operate the controls of the biggest, baddest construction equipment around! Kids of all ages are welcome to join in the fun!

YELLOWSTONE NATIONAL PARK 98TH BIRTHDAY FREE DAY
Monday August 25
Yellowstone National Park
No matter how you choose to enter the park – by car, RV, bus, or on a guided snowmobile or snow coach trip – the entrance fee to the park will be waived.

CRIBBAGE NIGHT
Every Tuesday, 7 p.m.
Eagles Bar
Cost: $8

STEEL TIP DARTS
Every Tuesday, 7:30 p.m.
Eagles Bar

MUSIC

BRIDGER CREEK BOYS
Every Monday 7 p.m.
Colonel Blacks
The Bridger Creek Boys are an acoustic Bluegrass quartet steeped in old-time Bluegrass tradition while pushing the genre with "Newgrass." The Band mixes originals with covers of traditional bluegrass material (Bill Monroe, Dock Boggs, etc) and more contemporary artists (Grateful Dead, Steve Earle, The Band, etc).

RICH MAYO
Every Tuesday 5:30 p.m.
Kountry Korner Cafe
Rich Mayo is a highly skilled musician, playing the guitar, harp and vocals. He plays an Americana mix you're sure to enjoy.

ROBBERS ROOST
Friday August 15, 9 p.m.
The Filling Station
Cost: $6 at cactus records, $8 at the door
Robbers Roost will provide Americana punk in the vein of devil makes three. The show also features special guests Tales from the Ghost Town and Silent Ego.

OPEN MIC NIGHT
Sunday August 17, 10 p.m.
Haufbrau

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THE MSU exponent PUZZLES

the BOX

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Kitties
Knead
Ladle
Lanterns
Liars
Lulling
Maids
Maims
Mandates
Nurses
Obeys
Orals
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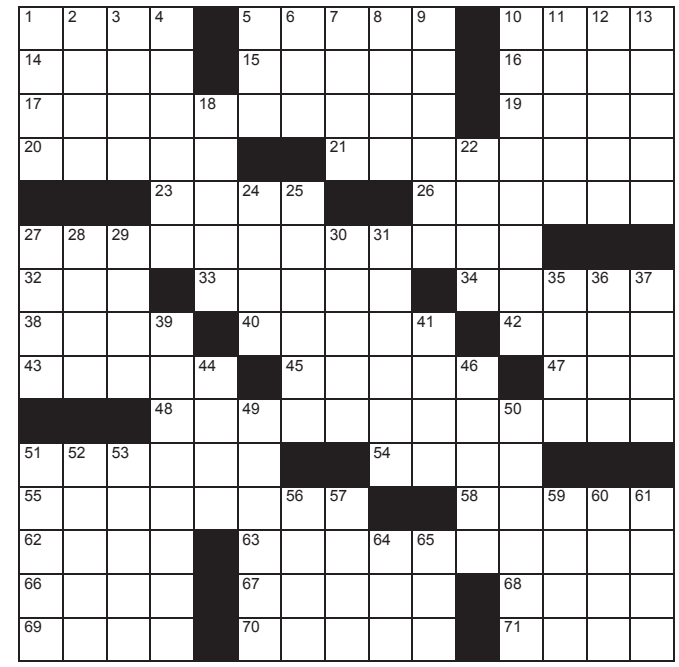
— Georges Bataille
Puzzle #J585AC

VDF EPD EIKNR, JPDDYR G YFTZRJN YFKNRH ND VDFI GTKQKNKRY GSH NPKSA QDSB GSH PGIH DS EPGN VDFI CDERIY GIR RWFGQ ND GSH EPGN NPRV GIR FSGTQR ND CRIUDIX.

— Horace
Puzzle #Q067XZ



Across

1. "Other" category: Abbr.
5. "___ lunch" (inattentive)
10. Prefix with scope or logical
14. Woody's musical son
15. Delicate
16. Touch at the edge
17. Catchphrase of '00s TV
19. Keen relish
20. Dutch news agency
21. Starbucks offering
23. This, in Barcelona
26. Loggers' contests
27. Quite mad
32. Myrna of "The Jazz Singer" (1927)
33. Arn's mother
34. Northern Iraqis
38. Of the ears
40. Sailor's "Halt!"
42. Alternative to the subway
43. Waikiki legend
45. Some deco works
47. ___ Fail (Irish coronation stone)
48. Word Series of Poker winner
51. Petco Park squad
54. Talk idly
55. Moisten
58. Great Plains tribe
62. Waters, informally
63. Like some high-tech cables
66. "Exodus" scribe
67. Longtime Boston Symphony Orchestra conductor Seiji
68. Yearn
69. Janet Reno's home county
70. Like sunflowers
71. Sounds of reproof

Down

1. Author Angelou
2. Golf bag selection
3. Spin around a shaft
4. Explorer Hernando
5. Wrong
6. One of Switzerland's Four Forest Cantons
7. Freight charge deduction
8. Reasons for extra innings
9. Seasoned vet
10. Coffee flavoring
11. Not just fat
12. ___-Japanese War
13. Several Holy Roman emperors
18. No-stress class
22. Corner chesspiece
24. Argentine timber tree
25. Like you'd expect
27. Hunk of dirt
28. Newspaper section
29. Hebrew letter
30. Maker of the video game Centipede
31. Summing-up word
35. Bush-bashing political cartoonist Ted
36. CCLVI doubled
37. Where Anna met the king
39. "Silk Stockings" star
41. Honduran seaport
44. Premonition
46. Extremely successful, slangily
49. Requisition
50. 'Never mind!'
51. Nom de plume: Abbr.
52. Armadillo
53. Celtic priest
56. Multitalented Minnelli
57. Virtual auction house
59. Giant Mel and others
60. Oil-lamp feature
61. Helmut's laments
64. Flock mom
65. 'Far out!'

For links to ANSWERS, go to facebook.com/MSUExponent.

Ways to recognize a freshman

Dressing up for class every day.

Consulting a campus map frequently.

Wearing a Cats lanyard.

Playing guitar in front of the dorms.

Wearing nothing but Bobcat paraphernalia.

Using their Cat Card to pay for all of their meals.

Wandering aimlessly in Wilson Hall.

Clicking the new model of iClicker.

Buying everything at the bookstore.

Complaining about the cold when it isn't even snowing.

Looking lost.

Being overprepared for class.

Wearing obviously brand new clothes and carrying a brand new school bag.

Constantly slipping on ice in winter.

Having a car that needlessly sits in the parking lot all year.

Looking way too young to be in college.

Having too much free time.

Trying way too hard not to look like a freshman, thus cementing it.

FUN FACT:

The blue light atop the Baxter Hotel at Main Street and Willson Avenue flashes whenever snow is falling at Bridger Bowl.